

**Joshua D. Shulman, M.S.**

225 E 95<sup>th</sup> St., Apt 20 E  
New York, NY 10128  
(617) 413 0233  
jshuls@gmail.com

---

**ENVIRONMENTAL SCIENTIST/DATA ANALYST/ SUSTAINABILITY CONSULTANT**

**Operations & Materials Management; Risk Assessment; Energy Monitoring; Infrastructure Reform**

Analytical environmental scientist with experience improving performance levels of firms operating in both private and public sectors. Specialties include applications of social and natural sciences in liaising business and government with science and technology to promote environmental, economic and social benefits. Experienced in conducting extensive research, data analysis, writing concise reports and in leading teams to project completion under strict deadlines and within budget(s).

**Core Competencies:**

Statistical Analysis; Qualitative Analysis; Technical Report Writing; Project Management; Writing Professional Recommendations; Urban Development Planning and Policy; Spatial and Temporal Analysis of Environmental Conditions; Pollution Prevention; Regulatory Compliance; Climate Change; Alternative Energies; Emergency Response Planning; Financial Analysis

---

**PROFESSIONAL EXPERIENCE****TERRAPIN BRIGHT GREEN, New York, NY**

**Research Assistant** – Researched and analyzed Best Practices in Additive Manufacturing; Wrote a Professional Decision Report (PDR) for web content on a Biomimicry website sponsored by NYSERDA (2013)

- Three sets of data were incorporated into the analysis: a literature review, interviews and self-generated numerical data for statistical analysis
- Final report includes a recommendation on how manufacturing firms can most effectively take advantage of technological advancements in Additive Manufacturing, and how to most efficiently incorporate additive methods into their existing production practices

**LOWELL GENERAL HOSPITAL, Lowell, MA**

**Sustainability Consultant** – Conducted a Sustainability Evaluation for a recently merged hospital conglomerate focusing on energy and material consumption rates (2012)

- Final report includes recommendations for LGH to establish co opts with local agriculturalists for the purposes of food procurement and waste management

**FEDERAL EXPRESS, New York, NY**

**Sustainability Consultant** – Conceived and Designed 4-Cycle Pilot Program Incorporating Reusable Packaging Materials Grown from Mushroom Spores Feeding on Farm Waste (2012)

- Final Pilot Cycles Materials Four Times Before Selling them to Agriculturalists as compost for use as an organic fertilizer

**CORBIN HILL FARMS CSA, Rotterdam, NY**

**Food Transportation Consultant** – Reduced Shipping Costs by 50% by capitalizing on Less-than-Full Trucking (2012)

- Streamlined Efficiencies in Transporting Fresh Produce from Rotterdam to Hunt's Point, NYC

**NORWALK PUBLIC SCHOOL DISTRICT, Norwalk, CT**

**Organizational Consultant** – Examined Deficiencies & Inefficiencies via Questionnaires from Multiple Levels of Personnel (2011)

- Coded Questionnaire Response Data, Performed Statistical Analysis
  - Presented Findings to a Committee and Submitted a Recommendation Incorporating Informative Analytics
- 

**EDUCATION****THE NEW SCHOOL MILANO – INTERNATIONAL AFFAIRS, MANAGEMENT AND URBAN POLICY, New York, NY**

**Master of Science, Environmental Policy and Sustainability Management** (2013)

**THE OHIO STATE UNIVERSITY – SCHOOL OF AGRICULTURE, FOOD AND ENVIRONMENTAL SCIENCES, Columbus, OH**

**Masters Level Coursework, Environment & Natural Resource Management, Ecology & Wildlife Management, Environmental Law**

**UNIVERSITY OF MASSACHUSETTS LOWELL, Lowell, MA**

**Undergraduate Sciences, Physics, Chemistry, Calculus and Engineering Differential Equations** (2010)

**THE GEORGE WASHINGTON UNIVERSITY, Washington, DC**

**Bachelor of Arts, Psychology, (2003)**